

## EAST Search History

| Ref # | Hits  | Search Query  | DBs                          | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|------------------------------|------------------|---------|------------------|
| L1    | 10601 | (count\$3 same channel\$1) same (frequenc\$3)   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2006/03/28 08:40 |
| L2    | 2217  | (count\$3 same channel\$1) same (frequenc\$3) same range\$1   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2006/03/28 08:41 |
| L3    | 175   | (count\$3 same channel\$1) same (frequenc\$3) same range\$1 and search\$3 same (frequenc\$3) same range\$1  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2006/03/28 09:06 |
| L4    | 875   | funai adj electric.as.  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2006/03/28 08:52 |
| L5    | 232   | funai adj electric.as. and (frequenc\$3)  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2006/03/28 08:52 |
| L6    | 11    | funai adj electric.as. and (frequenc\$3) with search\$3   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2006/03/28 08:52 |
| L7    | 172   | (count\$3 same channel\$1) same (frequenc\$3) same range\$1 and search\$3 same (frequenc\$3) same range\$1 and (tun\$3 receiv\$3)   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2006/03/28 09:14 |
| L8    | 29    | (count\$3 same channel\$1) same (frequenc\$3) same range\$1 and search\$3 same (frequenc\$3) same range\$1 and (tun\$3 receiv\$3) and (first and second and third) with (frequenc\$3) | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2006/03/28 09:19 |
| L9    | 8     | irdeto.as.  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2006/03/28 09:19 |
| L10   | 1601  | (search\$3) with (frequenc\$3 with range\$1)  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2006/03/28 09:20 |
| L11   | 168   | (search\$3) with (frequenc\$3 with range\$1) and (terrestrial or (catv cable adj (tv television)))  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2006/03/28 10:30 |
| L12   | 7     | ("6038433").URPN.   | USPAT                        | OR               | OFF     | 2006/03/28 09:21 |
| L13   | 8     | ("4594611"   "5087977"   "5299011"   "5303400"   "5479214"   "5621767"   "5640696"   "5822686").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2006/03/28 09:22 |
| L14   | 18    | ("5087977").URPN.   | USPAT                        | OR               | OFF     | 2006/03/28 10:20 |

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|     |       |  |                              |    |     |                  |
|-----|-------|--|------------------------------|----|-----|------------------|
| L15 | 0     | (search\$3) with (frequenc\$3 with range\$1) and (terrestrial or (catv cable adj (tv television))) and (center adj frequenc\$3)              | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/28 10:31 |
| L16 | 56    | (search\$3) with (frequenc\$3 with range\$1) and (terrestrial or (catv cable adj (tv television))) and (center adj frequenc\$3)              | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/28 10:32 |
| L17 | 82    | (search\$3) with (frequenc\$3 with range\$1) and (broadcast or (catv cable adj (tv television))) and (center adj frequenc\$3)                | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/28 10:31 |
| L18 | 93    | (search\$3) with (frequenc\$3 with range\$1) and ((terrestrial broadcast) or (catv cable adj (tv television))) and (center adj frequenc\$3)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/28 10:32 |
| L19 | 11    | (search\$3) with (frequenc\$3 with range\$1) and ((terrestrial broadcast) and (catv cable adj (tv television))) and (center adj frequenc\$3) | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/28 11:04 |
| L20 | 1     | "20020013946".did. and narrow\$2   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/28 13:12 |
| L21 | 16068 | (frequenc\$3) near4 (zone\$1 range\$1) same (narrow\$3)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/28 12:02 |
| L22 | 32    | (frequenc\$3) near4 (zone\$1 range\$1) same (narrow\$3) and l18  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/28 12:05 |
| L23 | 16068 | (frequenc\$3) near4 (zone\$1 range\$1) same (narrow\$3) and (frequenc\$3) near4 (zone\$1 range\$1)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/28 12:06 |
| L24 | 794   | (frequenc\$3) near4 (zone\$1 range\$1) same (narrow\$3) and (search\$3 scan\$4) with (frequenc\$3) near4 (zone\$1 range\$1)                  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/28 12:06 |
| L25 | 444   | (frequenc\$3) near4 (zone\$1 range\$1) with (narrow\$3) and (search\$3 scan\$4) with (frequenc\$3) near4 (zone\$1 range\$1)                  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/28 12:07 |

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|     |    |  |   |    |     |                  |
|-----|----|--|---|----|-----|------------------|
| L26 | 32 | (frequenc\$3) near4 (zone\$1 range\$1) with (narrow\$3) and (search\$3 scan\$4) with (frequenc\$3) near4 (zone\$1 range\$1) and (terrestrial or (catv cable adj (tv television)))  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2006/03/28 12:07 |
| L27 | 10 | (frequenc\$3) near4 (zone\$1 range\$1) with (narrow\$3) and (search\$3 scan\$4) with (frequenc\$3) near4 (zone\$1 range\$1) and (terrestrial or (catv cable adj (tv television))) and (center adj frequenc\$3) with (frequenc\$3) near4 (zone\$1 range\$1)             | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2006/03/28 12:08 |
| L28 | 17 | (frequenc\$3) near4 (zone\$1 range\$1) with (narrow\$3) and (search\$3 scan\$4) with (frequenc\$3) near4 (zone\$1 range\$1) and ((terrestrial broadcast) or (catv cable adj (tv television))) and (center adj frequenc\$3) with (frequenc\$3) near4 (zone\$1 range\$1) | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2006/03/28 12:41 |
| L29 | 73 | (frequenc\$3) near4 (zone\$1 range\$1) with (narrow\$3) and (search\$3 scan\$4) with (frequenc\$3) near4 (zone\$1 range\$1) and (center adj frequenc\$3) with (frequenc\$3) near4 (zone\$1 range\$1)   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2006/03/28 12:40 |
| L30 | 15 | channel adj tuning adj apparatus   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/28 12:41 |
| L31 | 0  | (frequenc\$3) near4 (zone\$1 range\$1) with (narrow\$3) and (search\$3 scan\$4) with (frequenc\$3) near4 (zone\$1 range\$1) and ((terrestrial broadcast) or (catv cable adj (tv television))) and (center adj frequenc\$3) with (frequenc\$3) near4 (zone\$1 range\$1) | EPO;<br>DERWENT;<br>IBM_TDB                                       | OR | OFF | 2006/03/28 12:41 |

## EAST Search History

|     |     |  |                            |    |     |                  |
|-----|-----|--|----------------------------|----|-----|------------------|
| L32 | 0   | (frequenc\$3) near4 (zone\$1 range\$1) with (narrow\$3) and (search\$3 scan\$4) with (frequenc\$3) near4 (zone\$1 range\$1) and ((terrestrial broadcast) or (catv cable adj (tv television))) and (center adj frequenc\$3) with (frequenc\$3) near4 (zone\$1 range\$1) | EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/28 12:41 |
| L33 | 1   | "20020013946".did. and second adj frequenc\$3  | US-PGPUB; USPAT; USOCR     | OR | OFF | 2006/03/28 13:16 |
| L34 | 1   | count\$3 same frequenc\$3 and 2MHZ with center adj frequenc\$3   | US-PGPUB; USPAT; USOCR     | OR | OFF | 2006/03/28 13:19 |
| L35 | 1   | UHF and 2MHZ with center adj frequenc\$3   | US-PGPUB; USPAT; USOCR     | OR | OFF | 2006/03/28 13:24 |
| L36 | 3   | UHF and 2MHZ and center adj frequenc\$3  | US-PGPUB; USPAT; USOCR     | OR | OFF | 2006/03/28 13:24 |
| L37 | 0   | UHF and 2MHZ and overlap\$5 and center adj frequenc\$3   | US-PGPUB; USPAT; USOCR     | OR | OFF | 2006/03/28 13:27 |
| L38 | 0   | ultra adj high adj frequency and 2MHZ and overlap\$5 and center adj frequenc\$3  | US-PGPUB; USPAT; USOCR     | OR | OFF | 2006/03/28 13:28 |
| L39 | 84  | ultra adj high adj frequency and overlap\$5 and center adj frequenc\$3   | US-PGPUB; USPAT; USOCR     | OR | OFF | 2006/03/28 13:37 |
| L40 | 2   | ultra adj high adj frequency same overlap\$5 same center adj frequenc\$3   | US-PGPUB; USPAT; USOCR     | OR | OFF | 2006/03/28 13:39 |
| L41 | 433 | 455/161.1,161.2,161.3.ccls.  | US-PGPUB; USPAT; USOCR     | OR | OFF | 2006/03/28 13:43 |
| L42 | 0   | 455/161.1,161.2,161.3.ccls. and ((terrestrial broadcast wave air) and (catv cable adj (tv television))) and ((search\$3 scan\$4) with frequenc\$3 with (range\$1 zone\$1))   | US-PGPUB; USPAT; USOCR     | OR | OFF | 2006/03/28 13:45 |
| L43 | 78  | 455/161.1,161.2,161.3.ccls. and ((search\$3 scan\$4) with frequenc\$3 with (range\$1 zone\$1))   | US-PGPUB; USPAT; USOCR     | OR | OFF | 2006/03/28 13:45 |
| L44 | 11  | 455/161.1,161.2,161.3.ccls. and ((search\$3 scan\$4) with frequenc\$3 with (range\$1 zone\$1)) and (uhf ultra adj high adj frequenc\$3)  | US-PGPUB; USPAT; USOCR     | OR | OFF | 2006/03/28 13:48 |

## EAST Search History

|     |     |   |                              |    |     |                  |
|-----|-----|---|------------------------------|----|-----|------------------|
| L45 | 4   | 455/161.1,161.2,161.3.ccls. and (tv television) and ((search\$3 scan\$4) with frequenc\$3 with (range\$1 zone\$1)) and (uhf ultra adj high adj frequenc\$3) | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/28 13:49 |
| L46 | 13  | 348/732.ccls. and (tv television) and ((search\$3 scan\$4) with frequenc\$3 with (range\$1 zone\$1)) and (uhf ultra adj high adj frequenc\$3)               | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/28 14:28 |
| L47 | 6   | 348/731.ccls. and (tv television) and ((search\$3 scan\$4) with frequenc\$3 with (range\$1 zone\$1)) and (uhf ultra adj high adj frequenc\$3)               | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/28 14:29 |
| L48 | 817 | 348/731.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/28 14:29 |
| L49 | 192 | 348/731.ccls. and UHF   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/28 14:30 |
| L50 | 199 | 348/731.ccls. and (UHF ultra adj high adj frequency)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/28 14:38 |
| L51 | 6   | 348/731.ccls. and (UHF ultra adj high adj frequency) and ((search\$3 scan\$4) with frequenc\$3 with (range\$1 zone\$1))                                     | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/28 14:38 |
| L52 | 22  | "348"/\$.ccls. and (UHF ultra adj high adj frequency) and ((search\$3 scan\$4) with frequenc\$3 with (range\$1 zone\$1))                                    | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/28 14:42 |
| L53 | 7   | "725"/\$.ccls. and (UHF ultra adj high adj frequency) and ((search\$3 scan\$4) with frequenc\$3 with (range\$1 zone\$1))                                    | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/28 14:43 |
| L54 | 1   | "725"/37,38.ccls. and (UHF ultra adj high adj frequency) and ((search\$3 scan\$4) with frequenc\$3 with (range\$1 zone\$1))                                 | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/28 14:44 |
| L55 | 1   | "725"/37,38.ccls. and (UHF ultra adj high adj frequency) same (frequenc\$3) and ((search\$3 scan\$4) with frequenc\$3 with (range\$1 zone\$1))              | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/28 14:44 |

## EAST Search History

|     |   |   |                              |    |     |                  |
|-----|---|---|------------------------------|----|-----|------------------|
| L56 | 7 | "725"/\$.ccls. and (UHF ultra adj high adj frequency) same (frequenc\$3) and ((search\$3 scan\$4) with frequenc\$3 with (range\$1 zone\$1)) | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/28 14:45 |
|-----|---|---|------------------------------|----|-----|------------------|